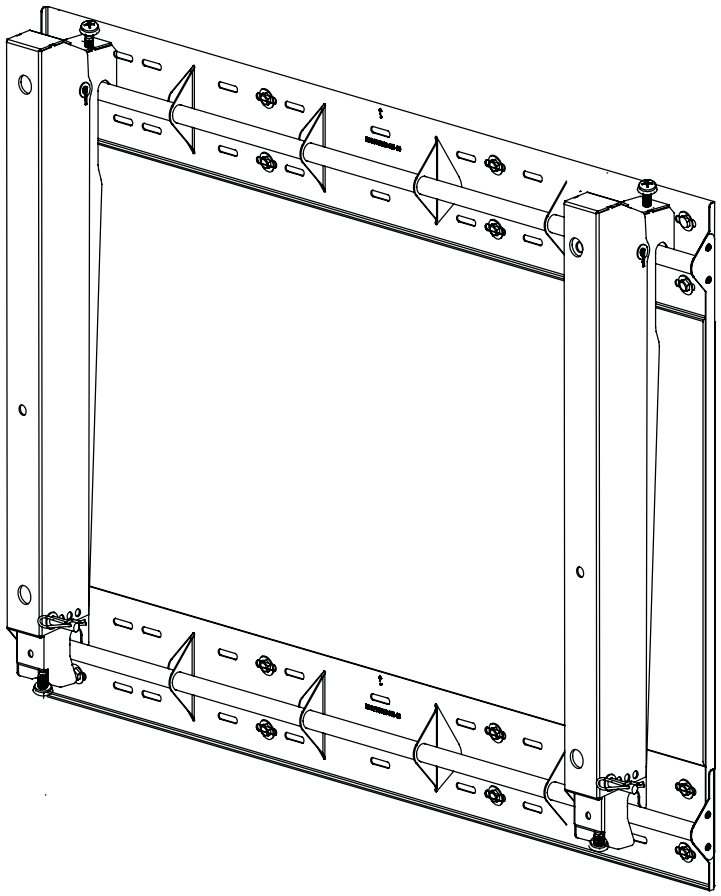
PFW 6831

Display Wall Mount

For use with Panasonic TH-103PF10UK Series 103” Plasma Displays

INSTALLATION INSTRUCTIONS



9531-0028-Z00-01

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Warning Statements

INSTALL THE DISPLAY ACCORDING TO THE INSTRUCTIONS PROVIDED BY THE DISPLAY MANUFACTURER. PERFORM ALL STRUCTURAL REINFORCEMENTS BEFORE ATTACHING THE DISPLAY TO THE WALL. USE THE APPROPRIATE LIFTING DEVICE WHEN LIFTING THE DISPLAY INTO PLACE.

PRIOR TO THE INSTALLATION OF THIS PRODUCT, THE INSTALLATION INSTRUCTIONS SHOULD BE READ AND COMPLETELY UNDERSTOOD. THE INSTALLATION INSTRUCTIONS MUST BE READ TO PREVENT PERSONAL INJURY AND PROPERTY DAMAGE. KEEP THESE INSTALLATION INSTRUCTIONS IN AN EASILY ACCESSIBLE LOCATION FOR FUTURE REFERENCE.

VOGEL'S DOES NOT WARRANT AGAINST DAMAGE CAUSED BY THE USE OF ANY VOGEL'S PRODUCT FOR PURPOSES OTHER THAN THOSE FOR WHICH IT WAS DESIGNED OR DAMAGE CAUSED BY UNAUTHORIZED ATTACHMENTS OR MODIFICATIONS, AND IS NOT RESPONSIBLE FOR ANY DAMAGES, CLAIMS, DEMANDS, SUITS, ACTIONS OR CAUSES OF ACTION OF WHATEVER KIND RESULTING FROM, ARISING OUT OF OR IN ANY MANNER RELATING TO ANY SUCH USE, ATTACHMENTS OR MODIFICATIONS.

THE WALL STRUCTURE MUST BE CAPABLE OF SUPPORTING 907 KG IF NOT, THE WALL STRUCTURE MUST BE REINFORCED. PROPER INSTALLATION PROCEDURE BY A QUALIFIED SERVICE TECHNICIAN, AS OUTLINED IN THE INSTALLATION INSTRUCTIONS, MUST BE ADHERED TO. FAILURE TO DO SO COULD RESULT IN SERIOUS PERSONAL INJURY, OR EVEN DEATH.

SAFETY MEASURES MUST BE PRACTICED AT ALL TIMES DURING THE INSTALLATION OF THIS PRODUCT USE PROPER SAFETY GEAR AND TOOLS FOR THE INSTALLATION PROCEDURE TO PREVENT PERSONAL INJURY.

Indicates that the power plug is to be disconnected from the power outlet.

Safety precautions must be taken at all times.

Warning and Caution statements.

It is recommended that a maximum of 5/8" thick plaster board be used, along with 5/16" lag bolts and flat washers, when mounting to wooden studs.

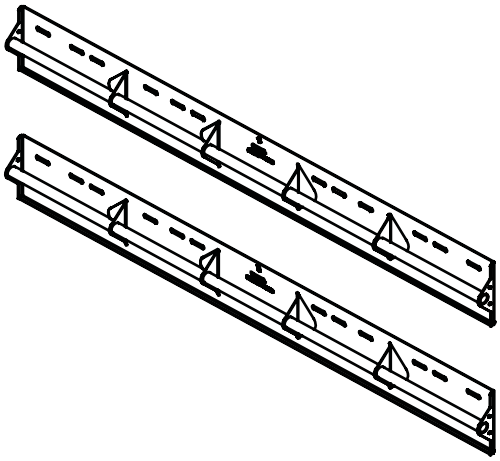
Do not install next to any high heat sources. Failure to do so may result in damage to the flat panel display and could increase the risk of fire.

In the interest of safety, it is recommended that two to three people, with the aid of an appropriate assisted lifting device, perform this installation. Injury and/or damage can result from dropping or mishandling the flat panel display.

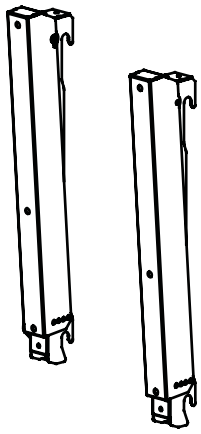
THIS MOUNT IS NOT RECOMMENDED FOR USE WITH STEEL STUD WALL STRUCTURES THAT ARE LESS THAN 10 GAUGE IN THICKNESS ON THE PROPOSED INSTALLATION WALL.

Parts List

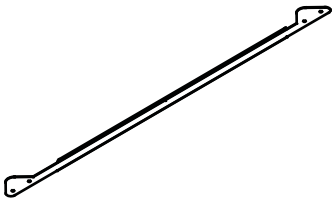
Note This wall mount is shipped with all proper installation hardware and components. Make sure that none of these parts are missing and/or damaged before beginning installation.

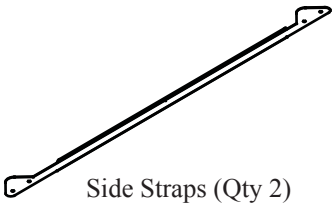


Wall Mounting Plates (Qty 2)

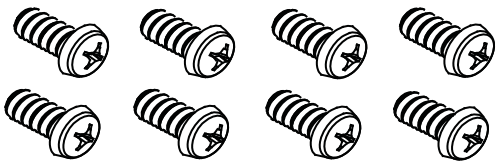


Mounting Brackets (Qty 2)

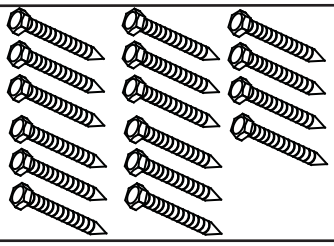




Side Straps (Qty 2)



m5x.8x12 Phillips Head Screws (Qty 8)



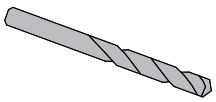
5/16” x 3” Lag Bolts (Qty 16)

5/16” Flat Washers (Qty 16)

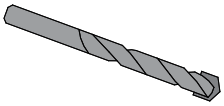
5/16” Tri-Lobe Anchor (Qty 16)

Recommended Installation Tools

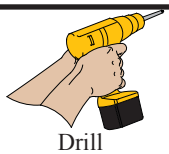
Ladder



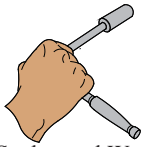
1/4” Wood Pilot Drill Bit



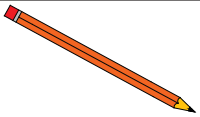
3/8” Concrete Drill Bit For use with 3/8” concrete wedge anchors)



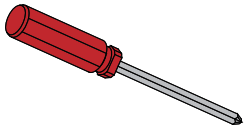
Drill



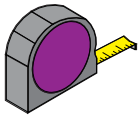
1/2” Socket and Wrench



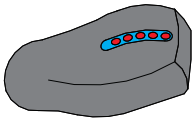
Pencil



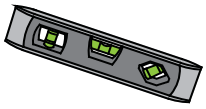
#2 Phillips Screwdriver



Tape Measure



Stud Finder



Spirit Level (Supplied)

Installation Instructions

Ease of Installation

Vogel's has designed this mount with installer ease-of-installation in mind.

Tilt/Flat Display Orientation

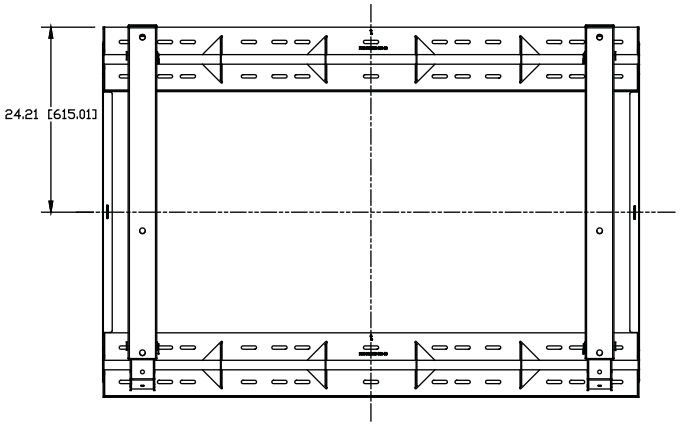
With the PFW 6831 you can mount your display flat to the wall, or, if you choose, there is a variable tilt feature on the PFW 6831 This will allow you to tilt your display forward for a more optimized viewing angle.

Side to Side Lateral Shift

Centering the display has never been easier. The PFW 6831 features ±3" built-in side to side lateral shift. This feature will allow you to slide the entire display left or right to adjust the final position of the display.

WARNING THE WALL STRUCTURE MUST BE CAPABLE OF SUPPORTING 907 KG. IF NOT, THE WALL STRUCTURE MUST BE REINFORCED. PROPER INSTALLATION PROCEDURE BY A QUALIFIED SERVICE TECHNICIAN, AS OUTLINED IN THE INSTALLATION INSTRUCTIONS, MUST BE ADHERED TO. FAILURE TO DO SO COULD RESULT IN SERIOUS PERSONAL INJURY, OR EVEN DEATH. USE SUITABLE CONCRETE ANCHORS FOR 3000PSI POURED CONCRETE WALLS.

WARNING FOLLOW THE INSTRUCTIONS PROVIDED BY THE MANUFACTURER WHEN LIFTING THE DISPLAY. PERFORM ALL STRUCTURAL REINFORCEMENTS BEFORE ATTACHING THE DISPLAY TO THE WALL. USE THE APPROPRIATE LIFTING DEVICE WHEN LIFTING THE DISPLAY INTO PLACE.



Step 1. Determine and mark where the ideal viewing center of the display will be located on the wall.

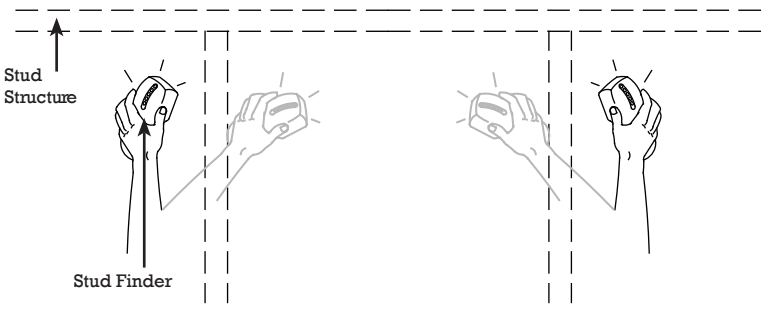
Step 2. Measure up 24.21" (615.01mm) and mark this location with a pencil.

STUD CENTER SPACING

16" to 18" - A total of four (4) studs will be used, which means that you will have a total sixteen (16) mounting points. Eight (8) will be used for the upper wall plate and eight (8) will be used for the lower wall plate.

24" - A total of three (3) studs will be used, which means that you will have a total twelve (12) mounting points. Three (3) will be used for the upper will plate and three (3) will be used for the lower wall plate.

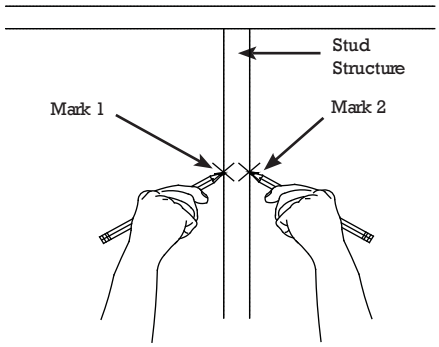
Locating the Stud Center



Step 3. Using a commercially available stud finder, place it against the wall, and swing it from left to right, while engaging the button.

Step 4. When the lights illuminate, or a buzzer sounds, mark that spot on the wall using a pencil.

Step 5. Repeat Step 2, but this time swing the stud finder in from the other side, swinging in from right to left.

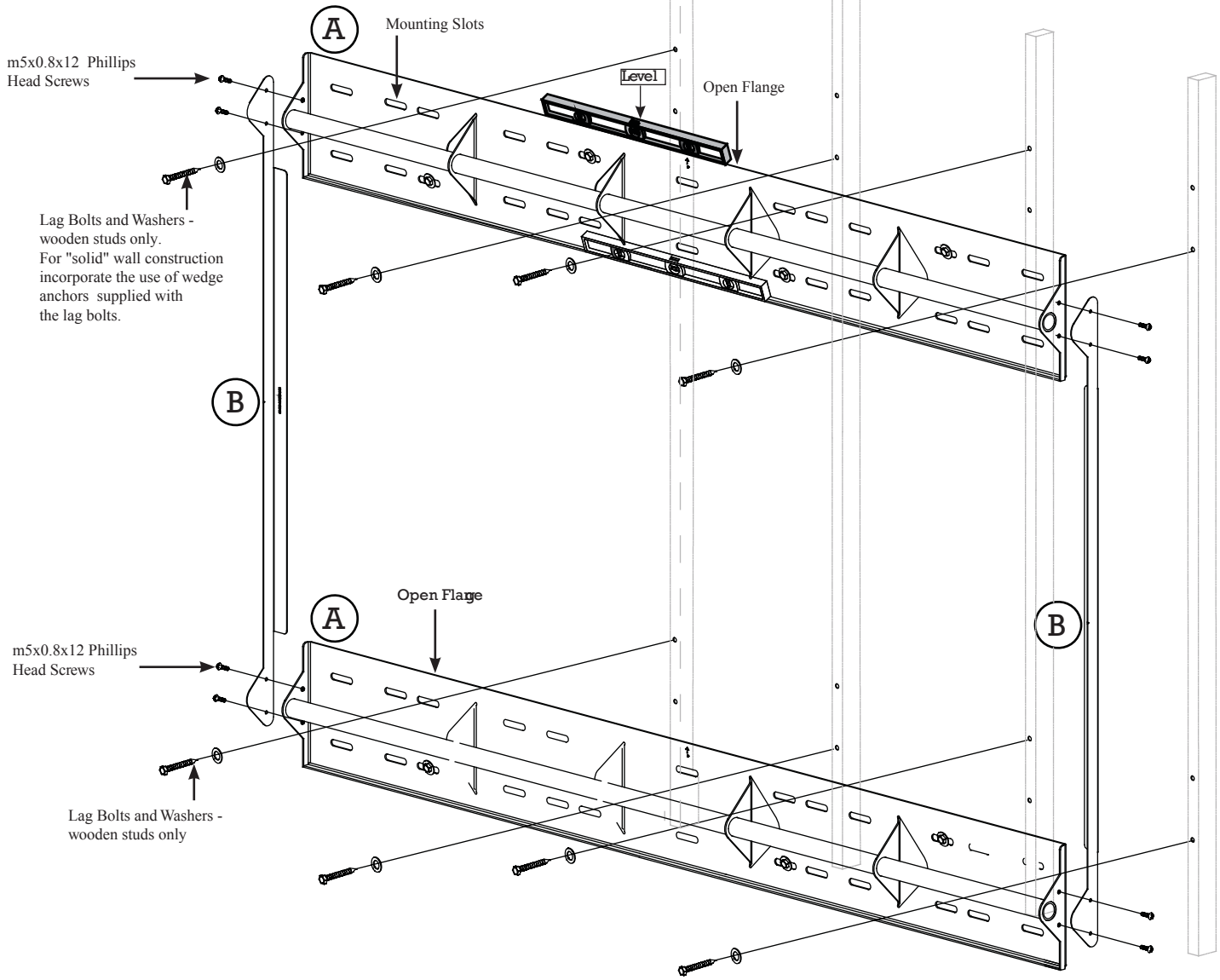


Step 6. When the lights illuminate, or a buzzer sounds, mark that spot on the wall using a pencil.

Step 7. Now that the edges of the wall stud have been located, use your tape measure and determine the center point between the two marks. This will be center of the stud. Mark this point with your pencil.

Step 8. Repeat the previous steps to determine the location of all wall studs.

A - Upper and Lower Wall Plates
B - Side Mounting Brackets



Step 9. Once the center points on all the wood studs have been determined, use a large hanger nail and partially drive it into the wood stud that will be center-most of the viewing area. The hanger nail will go where the pencil mark was made.

Step 10. Locate the mounting slot closest to center on the upper wall plate (A) and hang the upper wall plate on the hanger nail.

Step 11. Use a spirit level (supplied) to level the upper wall plate. Once the upper wall plate is level, mark the corresponding mounting slots that line up with the studs.

Step 12. Use a commercially available supplied 1/4" pilot drill bit to pre-drill all upper wall plate mounting holes (do not exceed 1/4" maximum drill bit size).

Step 13. Once the mounting holes have been drilled, attach the upper mounting plate (make sure the open-flange side is pointing up) using eight (8) 5/16" x 3" lag bolts and eight (8) 5/16" flat washers. Tighten all upper wall plate mounting hardware and remove the hanger nail.

Step 14. Line up the mounting holes of the side mounting bracket (B) with the mounting holes that are located on the side of the upper wall plate. Repeat this step for the second side mounting bracket.

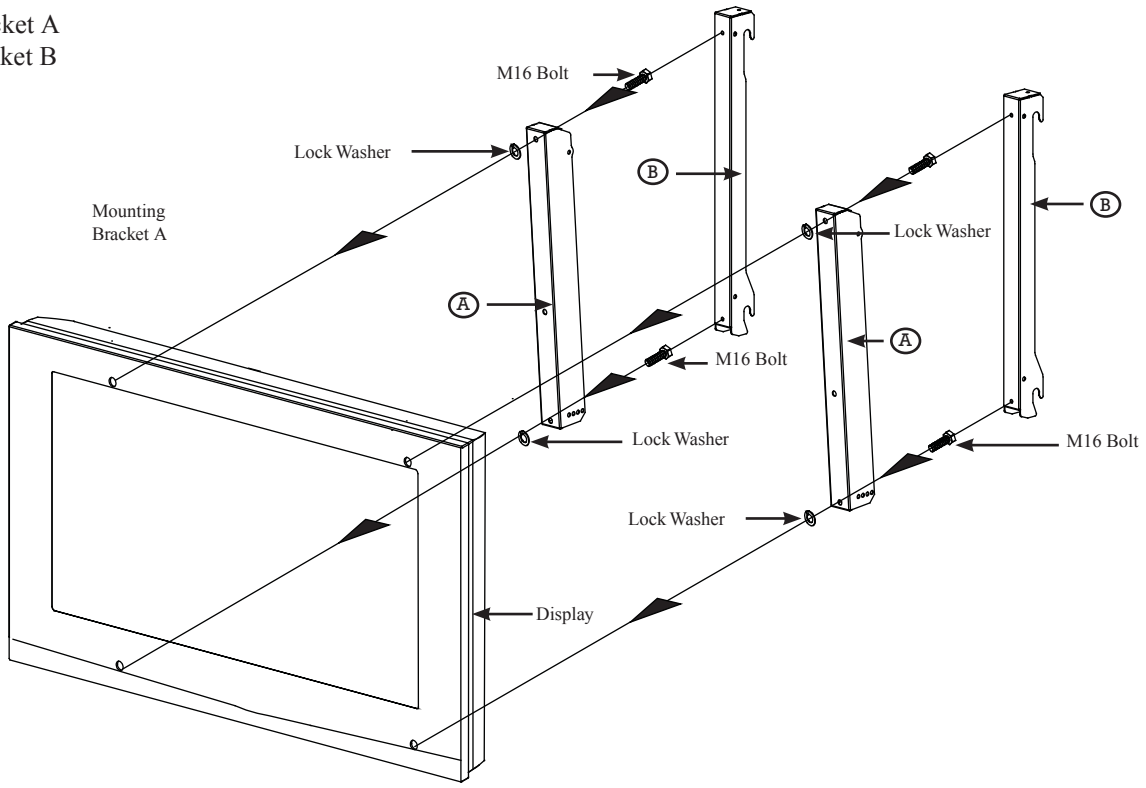
Step 15. Use four (4) m5x0.8x12 Phillips heads screws (2 each side for the upper mounting points) to attach the side mounting brackets to the upper wall plate. Tighten using a Phillips head screwdriver.

Step 16. After securing the upper side mounting bracket hardware, slide the lower wall plate between the lower side mounting brackets (reference arrow pointing up; in the event that there is no arrow, make sure the open-flange side is pointing up).

Step 17. While the lower wall plate is held in place, use four (4) m5x0.8x12 Phillips heads screws (2 each side for the lower mounting points) to attach the side mounting brackets to the lower wall plate. Tighten using a Phillips head screwdriver.

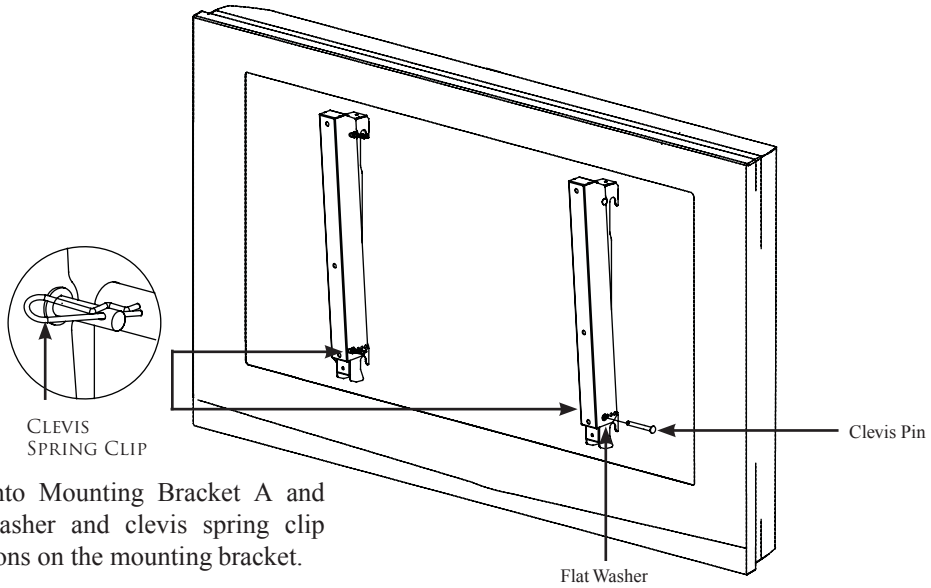
Step 18. Repeat Steps 12 and 13 to mount the lower wall plate. Tighten ALL hardware when complete.

A - Mounting Bracket A
B - Mounting Bracket B



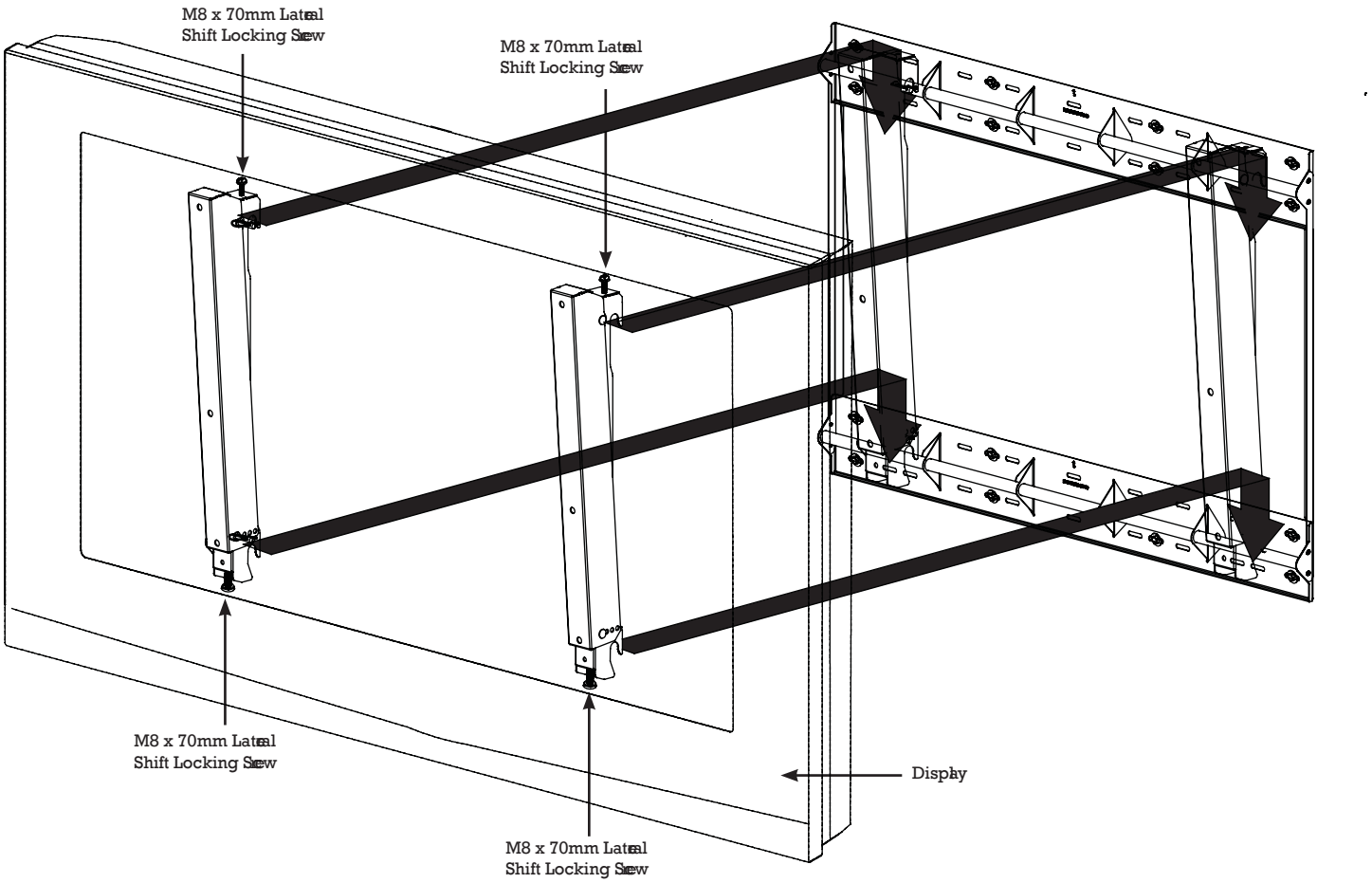
Step 19. Locate Mounting Bracket A (Qty 2) and Mounting Bracket B (Qty 2).
Step 20. Locate the four (4) M16 hex head bolts and lock washers on the back of the display and remove them (place this hardware to the side as they will be used again).
Step 21. Align the mounting bracket holes on Mounting Bracket A with the mounting holes on the back of the display. Two mounting holes will used on each side of the display.
Step 22. Place the lock washers between the display and the mounting brackets.
Step 23. Insert the M16 hex head bolts through the mounting bracket, then through the lock washer and into the display.
Step 24. Tighten the bolt and repeat Steps 20 and 21 for the remaining three bolts. Tighten all hardware.

WARNING DO NOT OVERTIGHTEN THE HARDWARE.



Step 25. Place Mounting Bracket B into Mounting Bracket A and install the clevis pin, flat washer and clevis spring clip hardware into the lower locations on the mounting bracket.

Step 26. Repeat Step 25 for the remaining mounting bracket.



WARNING RAISE THE DISPLAY TO THE WALL PLATES FOLLOWING THE LIFTING INSTRUCTIONS PROVIDED BY THE DISPLAY MANUFACTURER. USE AN APPROPRIATE LIFTING DEVICE ASSIST WHEN LIFTING THE DISPLAY INTO PLACE.

Step 27. Raise the flat panel with the mounting brackets attached and hang the top and bottom hooks over the mounting rods that are on the upper and lower wall plates.

Step 28. Once the display is attached to the wall, insert four (4) M8 x 70mm lateral shift locking screws. The mounting points for these screws are located on the top and at the bottom of the mounting brackets.

Step 29. These screws, once tightened down, will prevent the display from sliding side to side. Make any lateral adjustments at this time and then tighten the lateral shift locking screws down.

Note Once the display is mounted securely to the wall, the forward tilt must be determined. There are four tilt setting: 1°, 2°, 3° and 4°; the 1° setting will leave the display in a full vertical position). There are four hole settings at the bottom of each mounting bracket.

Step 30. Determine the forward tilt setting.

Step 31. Insert the clevis pin through the mounting hole.

Step 32. Once the clevis pin is completely through the mounting hole, place the clevis pin flat washer onto the clevis pin and insert the cotter pin into the clevis pin. Repeat this step for the remaining side.

Technical Specification

All measurements are in inches(mm).